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LIMESTONE REQUIREMENTS FOR CROPLAND AND PASTURE LAND BY COUNTIES - DELAWARE 1/

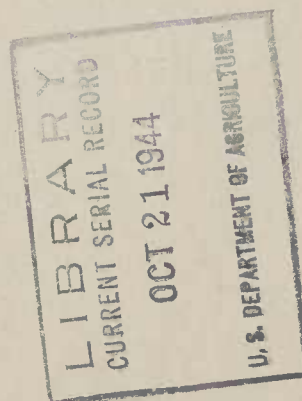
County	Cropland* (Acres)	Plowable Pasture (Acres)	Acres in Need of Lime		Annual Lime Need - Tons 2/		
			Cropland	Pasture Land	Cropland	Pasture	Total
Kent	161,730	34,325	32,346	5,149	24,260	3,862	28,122
New Castle	101,713	33,049	20,343	3,966	15,257	2,975	18,232
Sussex	222,027	16,739	33,304	2,511	24,978	1,883	26,861
TOTAL	485,470	84,113	85,993	11,626	64,495	8,720	73,215

1/ Acreages needing lime and the rates of application are those recommended by the Department of Agronomy, University of Delaware.

2/ Total Lime needed in one year.

* From 1940 Census.

C. E. Carter,
Conservation Programs Branch
Office of Production
August 7, 1944



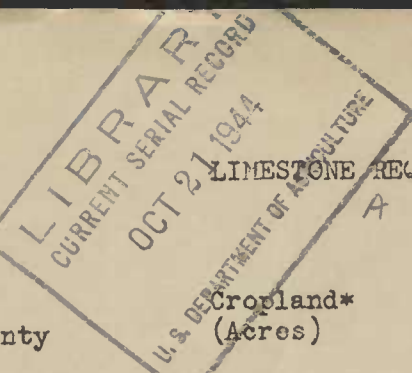
SEP 18, 1944

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Indiana

Reserve



LIMESTONE REQUIREMENTS FOR CROPLAND AND PASTURE LAND BY COUNTIES - INDIANA 1/

County	Cropland* (Acres)	Plowable* Pasture (Acres)	Acres in Need of Lime		Annual Lime Need - Tons 2/		
			Cropland	Pasture Land	Cropland	Pasture	Total
Adams	132,693	33,919	70,062	17,909	14,012	3,582	17,594
Allen	231,035	48,527	178,359	37,463	35,672	7,493	43,165
Bartholomew	133,590	32,736	107,406	26,320	32,222	7,896	40,118
Benton	191,139	31,904	78,749	13,144	15,750	2,629	18,379
Blackford	52,143	23,168	18,198	8,086	3,640	1,617	5,257
Boone	156,918	58,094	106,233	39,330	21,247	7,866	29,113
Brown	22,064	15,478	18,997	13,327	5,699	3,998	9,697
Carroll	140,519	42,273	61,547	18,516	12,309	3,703	16,012
Cass	144,284	45,744	82,675	26,211	16,535	5,242	21,777
Clark	68,652	45,632	41,329	27,470	12,399	8,241	20,640
Clay	89,001	39,179	40,139	17,670	12,042	5,301	17,343
Clinton	162,873	51,088	92,186	28,916	18,437	5,783	24,220
Crawford	42,846	25,214	34,362	20,222	10,309	6,067	16,376
Daviess	131,402	64,134	68,986	33,670	20,696	10,101	30,797
Dearborn	65,934	38,988	37,451	22,145	11,235	6,644	17,879
Decatur	114,235	60,564	83,277	44,151	20,819	11,038	31,857
De Kalb	124,288	40,115	105,645	34,098	21,129	6,820	27,949
Delaware	128,992	57,013	12,383	5,473	2,477	1,095	3,572
Dubois	116,477	36,373	79,903	24,952	23,971	7,486	31,457
Elkhart	167,034	36,018	153,671	33,137	30,734	6,627	37,361
Fayette	65,183	24,177	47,910	17,770	9,582	3,554	13,136
Floyd	30,551	13,047	15,428	6,589	4,628	1,977	6,605
Fountain	136,814	37,461	109,314	29,931	21,863	5,986	27,849
Franklin	92,745	39,325	64,643	27,410	19,393	8,223	27,616
Fulton	120,215	55,768	93,768	43,499	18,754	8,700	27,454
Gibson	165,278	47,995	118,835	34,508	35,651	10,352	46,003
Grant	140,089	49,637	92,319	32,711	18,464	6,542	25,006
Greene	123,035	57,641	92,030	43,115	27,609	12,935	40,544
Hamilton	141,087	52,023	105,110	38,757	21,022	7,751	28,773
Hancock	120,980	31,479	65,571	17,062	13,114	3,412	16,526
Harrison	104,964	39,613	75,364	28,442	22,609	8,533	31,142
Hendricks	138,632	46,413	109,519	36,666	21,904	7,333	29,237
Henry	136,553	51,636	74,148	28,038	14,830	5,608	20,438
Howard	114,255	34,211	64,783	19,398	12,957	3,880	16,837
Huntington	138,730	43,976	85,596	27,133	17,119	5,427	22,546
Jackson	131,391	29,737	115,361	26,109	34,608	7,833	42,441
Jasper	182,008	51,158	132,320	37,192	39,696	11,158	50,854
Jay	133,019	56,761	50,680	21,626	10,136	4,325	14,461
Jefferson	75,681	41,950	38,900	21,562	11,670	6,469	18,139
Jennings	85,816	31,279	61,788	22,521	18,536	6,756	25,292
Johnson	119,519	34,087	84,141	23,997	16,828	4,799	21,627
Knox	202,741	33,671	118,603	19,698	35,581	5,909	41,490
Kosciusko	189,381	60,711	142,983	45,837	28,597	9,167	37,764
Lagrange	133,380	33,193	84,696	21,078	16,939	4,216	21,155
Lake	142,154	34,341	119,267	28,812	29,817	7,203	37,020
La Porte	217,794	51,778	136,339	32,413	34,085	8,103	42,188
Lawrence	69,761	41,930	46,461	27,925	13,938	8,378	22,316
Madison	163,933	57,140	102,130	35,598	20,426	7,120	27,546
Marion	105,879	27,797	79,833	20,959	15,967	4,192	20,159
Marshall	148,330	51,413	125,932	43,650	25,186	8,730	33,916
Martin	41,417	30,409	31,767	23,324	9,530	6,997	16,527
Miami	129,203	43,243	98,194	32,865	19,639	6,573	26,212
Monroe	52,936	44,339	28,321	23,721	8,496	7,116	15,612
Montgomery	177,385	57,163	97,384	31,382	19,477	6,276	25,753
Morgan	97,782	31,858	65,123	21,217	16,281	5,304	21,585
Newton	149,995	40,166	93,747	25,104	28,124	7,531	35,655
Noble	136,551	46,795	85,208	29,200	17,042	5,840	22,882
Ohio	17,274	18,306	5,407	5,730	1,622	1,719	3,341
Orange	66,869	47,839	50,152	35,879	15,046	10,764	25,810
Owen	59,291	36,330	38,836	23,796	11,651	7,139	18,790
Parke	110,880	23,205	68,967	14,434	20,690	4,330	25,020
Perry	59,907	19,279	36,903	11,876	11,071	3,563	14,634
Pike	71,122	33,105	58,391	27,179	17,517	8,154	25,671
Porter	133,560	37,308	95,763	26,750	23,941	6,688	30,629
Posey	158,261	31,341	83,720	16,579	25,116	4,974	30,090
Pulaski	150,178	41,804	131,856	36,704	39,557	11,011	50,568
Putnam	111,579	63,797	65,274	37,321	19,582	11,196	30,778
Randolph	170,416	62,575	19,257	7,071	3,851	1,414	5,265
Ripley	105,872	46,330	85,333	37,342	25,600	11,203	36,803
Rush	158,136	54,106	112,909	38,632	22,582	7,726	30,308
St. Joseph	152,164	32,926	94,037	20,348	18,807	4,070	22,877
Scott	38,671	16,241	27,572	11,580	8,272	3,474	11,746
Shelby	161,819	42,530	100,813	26,496	20,163	5,299	25,462
Spencer	123,990	39,569	101,052	32,249	30,316	9,675	39,991
Starke	95,829	22,026	68,422	15,727	20,527	4,718	25,245
Steuben	86,304	43,472	45,741	23,040	9,148	4,608	13,756
Sullivan	126,774	55,673	84,939	37,301	25,482	11,190	36,672
Switzerland	42,728	48,493	27,218	30,890	8,165	9,267	17,432
Tippecanoe	191,387	44,387	152,153	35,288	30,431	7,058	37,489
Tipton	103,266	28,549	49,981	13,818	9,996	2,764	12,760
Union	55,708	17,523	43,174	13,580	12,952	4,074	17,026
Vanderburgh	76,877	14,368	63,885	11,940	19,166	3,582	22,748
Vermillion	81,564	15,217	55,056	10,271	11,011	2,054	13,065
Vigo	100,154	24,054	74,515	17,896	22,355	5,369	27,724
Wabash	141,607	46,068	82,274	26,766	16,455	5,353	21,808
Warren	134,827	30,475	98,828	22,338	19,766	4,468	24,234
Warrick	110,195	35,077	82,205	26,167	24,662	7,850	32,512
Washington	95,590	72,922	62,038	47,326	18,611	14,198	32,809
Wayne	130,847	44,415	101,145	34,333	25,286	8,583	33,869
Wells	140,821	41,293	63,510	18,623	12,702	3,725	16,427
White	205,770	50,377	175,728	43,022	43,932	10,756	54,688
Whitley	106,914	39,100	59,658	21,818	14,915	5,455	20,370
TOTALS	10,948,437	3,701,562	7,191,786	2,399,139	1,752,378	596,908	2,349,286

1/ Acreages needing lime and the rates of application are those recommended by the Department of Agronomy, Purdue University.

2/ The annual lime need indicated is one-tenth of the total.

* From 1940 Census.

C. E. Carter
Conservation Programs Branch
Office of Production
June 22, 1944

SEP 18 1944

LIMESTONE REQUIREMENTS FOR CROPLAND AND PASTURE LAND BY COUNTIES - MARYLAND 1/

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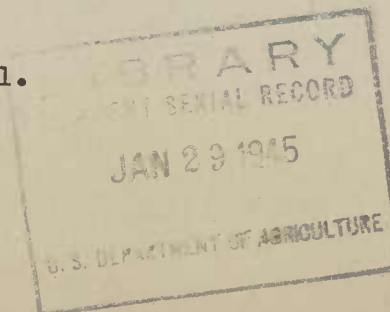
County	Cropland* (Acres)	Plowable* Pasture (Acres)	Acres in Need of Lime		Annual Lime Need - Tons <u>2/</u>		
			Cropland	Pasture Land	Cropland	Pasture	Total
Allegany	33,696	17,331	13,478	8,665	3,639	1,560	5,199
Anne Arundel	52,825	21,632	39,619	17,306	9,270	3,115	12,385
Baltimore	124,794	32,018	74,876	22,412	13,478	3,227	16,705
Calvert	30,099	20,901	27,089	20,901	7,314	3,762	11,076
Caroline	92,030	19,256	73,624	15,404	17,228	2,218	19,446
Carroll	162,321	31,262	81,160	18,757	11,687	2,363	14,050
Cecil	86,813	27,475	56,428	19,232	12,189	3,462	15,651
Charles	55,713	24,149	50,142	24,149	14,441	3,478	17,919
Dorchester	89,225	15,272	55,320	10,690	10,953	1,924	12,877
Frederick	200,313	59,924	90,140	29,960	13,160	2,696	15,856
Garrett	61,298	28,276	36,779	21,207	9,930	3,817	13,747
Harford	89,060	42,617	53,436	27,701	7,695	4,986	12,681
Howard	60,780	18,938	45,585	14,204	10,667	2,557	13,224
Kent	83,495	31,940	66,796	27,149	14,428	4,887	19,315
Montgomery	97,188	53,558	58,313	34,813	11,546	6,266	17,812
Prince Georges	71,990	33,912	61,192	28,825	17,623	5,189	22,812
Queen Anne's	110,574	39,089	93,988	33,226	25,377	5,981	31,358
St. Mary's	47,426	21,456	42,683	19,310	12,293	3,476	15,769
Somerset	46,656	3,364	39,658	2,859	3,508	515	4,023
Talbot	82,004	17,811	49,202	12,468	8,856	2,244	11,100
Washington	133,431	27,003	66,716	13,502	12,009	1,944	13,953
Wicomico	90,134	5,512	81,120	4,961	26,283	893	27,176
Worcester	80,621	7,794	48,372	5,456	8,707	983	9,690
TOTAL	1,982,486	600,490	1,305,716	433,157	282,281	71,543	353,824

1/ Acreages needing lime and the rates of application are those recommended by the Department of Agronomy, University of Maryland.

2/ The annual lime need indicated is one-tenth of the total.

* From 1940 Census.

C. E. Carter
Conservation Programs Branch
Office of Production
August 9, 1944.



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mass.

Reserve

LIMESTONE REQUIREMENTS FOR CROPLAND AND PASTURE LAND BY COUNTIES - MASSACHUSETTS 1/

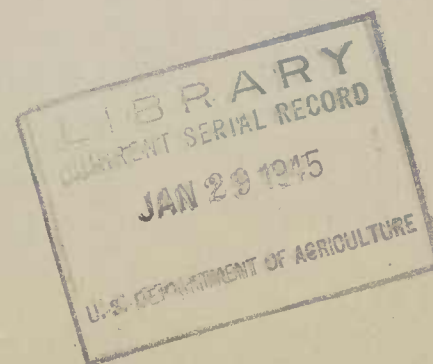
County	Cropland* (Acres)	Plowable* Pasture (Acres)	Acres in Need of Lime		Annual Lime Need - Tons 2/		
			Cropland	Pasture Land	Cropland	Pasture	Total
Barnstable	9,450	3,399	9,420	1,957	1,413	440	1,853
Berkshire	62,660	34,746	75,940	39,917	11,391	8,981	20,372
Bristol	48,885	18,727	41,665	16,440	6,250	3,699	9,949
Dukes	2,704	6,287	1,180	1,647	177	371	548
Essex	39,056	15,824	37,775	14,603	5,666	3,286	8,952
Franklin	56,302	19,973	53,035	48,630	7,955	10,942	18,897
Hampden	42,253	15,807	44,270	23,690	6,641	5,330	11,971
Hampshire	53,909	22,817	51,610	31,987	7,742	7,197	14,939
Middlesex	65,094	20,086	71,190	21,210	10,679	4,772	15,451
Nantucket	1,398	1,452	910	1,003	137	226	363
Norfolk	16,420	5,649	18,405	6,317	2,761	1,421	4,182
Plymouth	40,052	10,962	37,440	8,613	5,616	1,938	7,554
Suffolk	412	-	575	37	86	8	94
Worcester	119,195	54,196	114,375	81,727	17,156	18,389	35,545
TOTALS	557,790	229,925	557,790	297,778	83,670	67,000	150,670

1/ Acreages needing lime and the rates of application are those recommended by the Department of Agronomy, Massachusetts State College of Agriculture.

2/ The annual lime need indicated is one-tenth of the total.

* From 1940 Census.

C. E. Carter
Conservation Programs Branch
Office of Production
July 7, 1944



LIMESTONE REQUIREMENTS FOR CROPLAND AND PASTURE LAND BY COUNTIES - MISSOURI 1/

County	Cropland* (Acres)	Flowable* Pasture (Acres)	Acres in Need of Lime 2/		Annual Lime Needs - Tons 3/		
			Cropland	Pasture Land	Cropland	Pasture	Total
Adair	104,988	149,679	104,988	149,679	19,942	37,420	57,362
Andrew	128,220	80,559	121,809	76,531	20,728	15,306	36,034
Atchison	197,305	81,032	157,844	64,826	22,528	9,724	32,252
Andrain	211,151	131,097	211,151	131,097	42,700	39,329	82,029
Barry	115,147	100,950	109,390	95,903	18,286	19,181	37,467
Barton	198,809	49,697	198,809	49,697	58,795	14,909	71,704
Bates	258,729	132,427	258,729	132,427	61,809	33,107	94,916
Benton	109,315	38,365	109,315	38,365	24,091	9,591	33,682
Bollinger	89,623	53,763	67,217	40,322	8,398	8,064	16,462
Boone	132,182	162,316	129,538	159,070	22,387	39,768	62,155
Buchanan	132,110	48,985	118,899	43,637	15,884	6,546	22,430
Butler	101,428	31,366	99,399	30,739	21,886	7,685	29,571
Caldwell	130,073	85,808	130,073	85,808	23,926	17,162	41,088
Callaway	149,255	123,415	147,762	122,181	20,864	30,545	51,409
Camden	35,359	39,162	34,298	37,987	5,321	7,597	12,918
Cape Girardeau	135,028	73,849	67,514	36,925	8,439	7,385	15,824
Carroll	234,219	120,722	222,508	114,686	41,274	22,937	64,211
Carter	19,397	7,694	19,397	7,694	1,741	1,539	3,280
Cass	219,479	119,020	219,479	119,020	51,728	29,755	81,483
Cedar	98,197	52,104	97,215	51,583	22,046	12,896	34,942
Chariton	210,387	115,863	204,075	112,387	36,365	22,477	58,842
Christian	75,413	91,321	73,905	89,495	8,347	17,899	26,246
Clark	118,454	79,194	117,269	78,402	15,730	19,601	35,331
Clay	110,582	87,426	102,841	81,306	13,590	12,196	25,786
Clinton	136,591	95,305	136,591	95,305	24,036	19,061	43,097
Cole	71,077	49,812	71,077	49,812	9,778	9,962	19,740
Cooper	153,905	88,039	146,210	83,637	18,572	16,727	35,299
Crawford	50,463	52,478	49,454	51,428	5,679	10,286	15,965
Dade	121,946	79,192	119,507	77,608	19,707	15,522	35,229
Dallas	71,066	64,069	68,223	61,506	10,149	12,301	22,450
Davies	158,743	79,180	158,743	79,180	27,685	15,836	43,521
De Kalb	124,608	87,240	124,608	87,240	21,172	17,448	38,620
Dent	54,179	64,851	21,672	25,940	7,504	5,188	12,692
Douglas	76,857	92,472	69,171	83,225	13,102	16,645	29,747
Dunklin	193,577	42,800	164,540	36,380	31,399	7,276	38,675
Franklin	166,402	91,780	164,738	90,862	17,736	18,172	35,908
Gasconade	75,022	40,720	72,272	40,313	9,134	8,063	17,197
Gentry	128,413	100,021	128,413	100,021	23,995	20,004	43,999
Greene	155,770	121,377	152,655	118,949	17,431	23,780	41,211
Grundy	101,611	101,965	101,611	101,965	16,975	20,393	37,368
Harrison	162,156	187,428	162,156	187,428	26,393	37,486	63,879
Henry	224,041	111,968	224,041	111,968	61,163	33,590	94,753
Hickory	66,023	19,884	64,042	19,287	11,647	3,857	15,504
Holt	149,208	69,581	119,366	55,665	17,520	8,350	25,870
Howard	92,631	109,862	78,736	93,383	12,601	18,677	31,278
Howell	71,876	107,066	70,438	104,929	12,338	20,985	33,323
Iron	31,235	16,500	26,550	14,025	3,319	2,805	6,124
Jackson	145,283	88,057	130,755	79,251	19,238	15,850	35,088
Jasper	178,013	61,316	169,112	58,250	44,332	17,475	61,807
Jefferson	84,882	41,821	84,033	41,403	12,539	8,281	20,820
Johnson	224,540	176,186	224,540	176,186	52,616	44,047	96,663
Knox	122,585	139,792	122,585	139,792	22,201	34,948	57,149
Laclede	84,780	96,982	82,237	94,073	13,142	18,815	31,957
Lafayette	215,825	100,529	209,350	97,513	35,261	19,503	54,764
Lawrence	157,025	104,928	155,455	103,879	24,654	20,776	45,430
Lewis	113,109	102,230	111,978	101,208	15,784	25,302	41,086
Lincoln	133,495	91,950	126,820	87,353	15,880	21,838	37,718
Linn	141,403	171,994	141,403	171,994	24,201	34,399	58,600
Livingston	144,685	103,607	144,685	103,607	25,047	20,721	45,768
McDonald	60,486	43,462	54,437	39,116	7,926	7,823	15,749
Macon	172,555	187,733	172,555	187,733	40,818	56,320	97,138
Madison	35,908	17,853	21,545	10,712	1,295	2,142	3,437
Marion	65,700	50,174	63,729	48,669	9,969	9,734	19,703
Marion	108,134	67,129	102,727	63,773	5,381	12,755	18,136
Mercer	86,746	130,669	86,746	130,669	13,789	26,134	39,923
Miller	69,830	53,754	68,433	52,679	10,798	10,536	21,334
Mississippi	142,733	22,550	128,460	20,295	24,765	4,059	28,824
Missiteau	95,852	70,688	95,852	70,688	14,279	14,138	28,417
Monroe	148,568	138,858	148,568	138,858	33,883	40,757	74,640
Montgomery	119,149	74,034	119,149	74,034	28,913	22,210	51,123
Morgan	83,782	43,381	83,782	43,381	13,276	8,676	21,952
New Madrid	230,596	25,277	207,536	22,749	38,783	4,550	43,333
Newton	138,851	84,672	131,908	80,438	19,923	16,088	36,011
Nodaway	271,378	190,578	271,378	190,578	48,546	38,116	86,662
Oregon	45,874	90,627	45,874	90,627	6,337	18,125	24,462
Osage	84,947	33,667	83,248	32,994	11,694	6,599	18,293
Ozark	49,192	61,081	39,354	48,865	7,394	9,773	17,167
Pemiscot	202,009	18,287	181,808	16,458	35,643	3,292	38,935
Perry	115,200	44,848	57,600	22,424	7,200	3,364	10,564
Pettis	202,358	109,195	202,358	109,195	43,298	27,299	70,597
Phelps	68,449	54,536	67,765	53,991	9,145	10,798	19,943
Pike	136,419	105,989	122,777	95,390	1,815	21,463	23,278
Platte	138,049	42,796	124,244	38,516	17,533	5,777	23,310
Polk	138,687	80,013	138,687	80,013	22,430	16,003	38,433
Pulaski	48,596	40,320	46,166	38,304	8,034	7,661	15,695
Putnam	92,703	163,689	92,703	163,689	16,041	32,738	48,779
Ralls	112,110	79,951	112,110	79,951	17,953	19,988	37,941
Randolph	97,759	92,706	97,759	92,706	15,352	27,812	43,164
Ray	172,179	89,370	163,570	84,902	30,727	16,980	47,707
Reynolds	38,820	21,805	34,938	19,625	4,850	3,925	8,775
Ripley	48,459	37,100	48,459	37,100	8,641	7,420	16,061
St. Charles	162,307	45,318	159,061	44,412	23,065	11,103	34,168
St. Clair	155,511	44,468	155,511	44,468	34,162	11,117	45,279
St. Francois	54,999	44,486	32,999	26,692	4,125	5,338	9,463
St. Louis	110,691	19,180	99,622	17,262	13,554	3,452	17,006
Ste. Genevieve	69,725	35,582	45,321	23,128	5,665	4,626	10,291
Saline	241,473	109,804	239,058	108,706	42,053	21,741	63,794
Schuyler	56,091	98,808	56,091	98,808	11,351	24,702	36,053
Scotland	92,576	114,034	92,576	114,034	18,882	28,509	47,391
Scott	156,345	32,080	132,893	27,268	23,562	5,454	29,016
Shannon	40,814	29,245	40,814	29,245	6,980	5,849	12,829
Shelby	127,158	125,278	127,158	125,278	28,055	37,583	65,638
Stoddard	216,040	82,583	205,238	70,196	35,704	14,039	49,743
Stone	48,378	82,662	38,702	66,130	5,811	13,226	19,037
Sullivan	111,548	237,727	111,548	237,727	16,959	47,546	64,505
Taney	31,291	28,248	25,033	22,598	4,368	4,520	8,888
Texas	102,789	105,371	102,789	105,371	16,321	21,074	37,395
Vernon	250,153	97,386	250,153	97,386	58,576	24,347	82,923
Warren	80,101	25,757	79,300	25,499	15,631	6,375	22,006
Washington	48,430	32,851	47,461	32,194	3,085	6,439	9,524
Wayne	54,880	27,739	52,136	26,352	7,743	5,270	13,013
Webster	87,498	99,604	87,498	99,604	11,817	19,921	31,738
Worth	70,015	66,255	70,015	66,255	13,108	13,251	26,359
Wright	77,083	80,677	75,541	79,063	11,219	15,813	27,032
TOTALS	13,765,849	9,240,731	13,063,934	8,838,130	2,296,962	1,951,338	4,248,300

1/ Acreages needing lime and the rates of application are those recommended by the Department of Soils of the Missouri College of Agriculture.

2/ As of 1936.

3/ As of 1942, obtained by deducting the amounts used from 1936 through 1942 from the total needs as of 1936. The annual lime need indicated is one-tenth of the total.

* From 1940 Census

C.E. Carter
Conservation Programs Branch
Office of Production
June 20, 1944

JUL 29 1944

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LIMESTONE REQUIREMENTS FOR CROPLAND AND PASTURE LAND BY COUNTIES - OREGON 1/

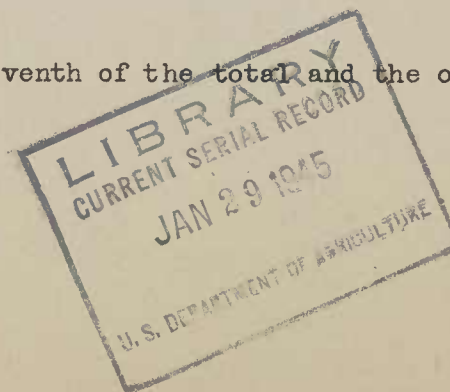
County	Cropland* (Acres)	Plowable* Pasture (Acres)	Acres in Need of Lime		Annual Lime Need - Tons <u>2/</u>		
			Cropland	Pasture Land	Cropland	Pasture	Total
Benton	74,678	24,767	37,339	12,384	7,001	2,322	9,323
Clackamas	122,451	16,245	61,226	8,123	11,480	1,523	13,003
Clatsop	9,658	7,369	9,658	7,369	2,070	1,579	3,649
Columbia	27,644	12,254	13,822	6,127	2,592	1,149	3,741
Coos	22,438	25,987	22,438	25,987	4,808	5,569	10,377
Curry	5,233	14,813	5,233	14,813	1,121	3,174	4,295
Douglas	80,536	79,736	40,268	39,868	7,550	7,475	15,025
Hood River	17,580	3,809	8,790	1,905	1,648	357	2,005
Lane	137,719	52,193	68,860	26,097	12,911	4,893	17,804
Lincoln	11,461	12,202	11,461	12,202	2,456	2,615	5,071
Linn	212,106	51,327	106,053	25,664	19,885	4,812	24,697
Marion	194,592	38,739	97,296	19,370	18,243	3,632	21,875
Multnomah	32,140	10,146	16,070	5,073	3,013	951	3,964
Polk	108,604	17,800	54,302	8,900	10,182	1,669	11,851
Tillamook	14,034	17,563	14,034	17,563	3,007	3,764	6,771
Washington	125,610	14,298	62,805	7,149	11,776	1,341	13,117
Yamhill	130,004	15,612	65,002	7,806	12,188	1,464	13,652
TOTALS	1,326,488	414,860	694,697	246,400	131,931	48,289	180,220

1/ Acreages needing lime and the rates of application are those recommended by the Department of Soils, Oregon State College.

2/ The annual lime need in the five coast counties is one-seventh of the total and the other counties is one-eighth of the total.

* From 1940 Census.

C. E. Carter
Conservation Programs Branch
Office of Production
August 29, 1944.



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LIMESTONE REQUIREMENTS FOR CROPLAND AND PASTURE LAND BY COUNTIES - TENNESSEE 1/

County	Cropland* (Acres)	Plowable* Pasture (Acres)	Acres in Need of Lime		Annual Lime Need - Tons 2/		
			Cropland	Pasture Land	Cropland	Pasture Land	Total
Anderson	44,749	20,438	27,089	12,399	6,772	3,100	9,872
Bedford	116,736	74,812	74,488	47,824	18,622	11,956	30,578
Benton	63,388	17,362	39,102	10,710	9,776	2,677	12,453
Bledsoe	33,115	21,749	25,049	16,423	6,262	4,106	10,368
Blount	76,188	47,186	63,194	39,062	15,799	9,765	25,564
Bradley	63,881	33,328	44,518	23,242	11,130	5,810	16,940
Campbell	54,665	13,743	26,555	10,533	6,639	2,633	9,272
Cannon	53,407	25,782	29,203	14,125	7,301	3,531	10,832
Carroll	128,388	40,241	76,407	23,997	19,102	5,999	25,101
Carter	33,735	24,642	24,301	17,743	6,075	4,436	10,511
Cheatham	46,413	12,825	23,012	6,340	5,753	1,585	7,338
Chester	55,365	11,767	35,228	7,472	8,807	1,868	10,675
Claiborne	58,189	49,134	42,274	35,722	10,568	8,951	19,499
Clay	50,691	20,204	23,300	9,288	5,825	2,322	8,147
Cocke	61,788	52,967	44,738	38,418	11,184	9,605	20,789
Coffee	83,608	36,931	60,472	26,664	15,118	6,666	21,784
Crockett	104,452	23,991	75,967	17,473	18,992	4,368	23,360
Cumberland	40,190	10,532	26,184	6,876	6,546	1,719	8,265
Davidson	89,470	52,249	56,883	33,265	14,221	8,316	22,537
Decatur	48,767	13,330	32,442	8,886	8,111	2,221	10,332
De Kalb	80,626	29,736	35,676	13,128	8,919	3,282	12,201
Dickson	80,396	39,084	51,250	24,902	12,813	6,225	19,038
Dyer	144,842	27,363	122,863	23,229	30,716	5,807	36,523
Fayette	180,085	63,855	113,065	40,139	28,266	10,035	38,301
Fentress	30,104	10,073	18,596	6,232	4,649	1,558	6,207
Franklin	102,758	42,503	78,573	32,563	19,643	8,141	27,784
Gibson	209,261	59,062	155,195	43,773	38,799	10,943	49,742
Giles	149,844	117,744	81,899	64,349	20,475	16,087	36,562
Grainger	51,050	42,487	37,346	31,054	9,337	7,763	17,100
Greene	136,883	111,176	101,265	82,185	25,316	20,546	45,862
Grundy	15,818	3,170	15,817	3,171	3,954	793	4,747
Hamblen	46,278	35,089	34,998	26,510	8,750	6,627	15,377
Hamilton	53,345	23,368	33,702	14,790	8,425	3,698	12,123
Hancock	30,040	38,294	19,136	24,356	4,784	6,089	10,873
Hardeman	100,350	53,384	55,082	29,270	13,770	7,318	21,088
Hardin	80,309	16,532	48,881	10,083	12,220	2,521	14,741
Hawkins	76,404	81,848	51,488	55,112	12,872	13,778	26,650
Haywood	151,276	40,462	107,317	28,699	26,829	7,175	34,004
Henderson	102,197	26,545	57,965	15,039	14,491	3,760	18,251
Henry	137,926	46,523	85,347	28,753	21,337	7,188	28,525
Hickman	67,470	36,257	48,160	25,932	12,040	6,483	18,523
Houston	19,578	8,848	14,979	6,761	3,745	1,690	5,435
Humphreys	60,208	23,167	42,015	16,177	10,504	4,044	14,548
Jackson	71,896	25,188	27,755	9,701	6,939	2,425	9,364
Jefferson	71,474	57,435	52,947	42,625	13,237	10,656	23,893
Johnson	25,271	31,311	19,132	23,668	4,783	5,917	10,700
Knox	103,499	63,002	77,245	46,943	19,311	11,736	31,047
Lake	51,419	3,082	—	—	—	—	—
Lauderdale	113,561	20,424	90,509	16,223	22,627	4,056	26,683
Lawrence	141,269	40,748	87,657	25,303	21,914	6,326	28,240
Lewis	18,172	6,730	11,753	4,347	2,938	1,087	4,025
Lincoln	141,185	79,140	80,120	44,872	20,030	11,218	31,248
Louden	53,853	41,076	40,450	30,890	10,112	7,723	17,835
McMinn	89,985	51,379	64,913	36,991	16,228	9,248	25,476
McNairy	94,950	25,889	55,866	15,210	13,966	3,803	17,769
Macon	76,999	30,564	48,522	19,246	12,130	4,812	16,942
Madison	137,998	40,663	83,107	24,545	20,777	6,136	26,913
Marion	34,672	9,619	53,783	14,905	13,446	3,726	17,172
Marshall	82,704	60,713	55,150	40,430	13,787	10,108	23,895
Maury	141,252	98,187	117,273	81,495	29,318	20,374	49,692
Meigs	35,914	16,232	23,795	10,741	5,949	2,685	8,634
Monroe	86,049	44,716	65,200	33,888	16,300	8,472	24,772
Montgomery	119,760	81,223	67,548	45,788	16,887	11,447	28,334
Moore	23,561	21,434	12,830	11,654	3,207	2,914	6,121
Morgan	29,505	7,082	16,462	3,962	4,115	991	5,106
Obion	150,773	78,294	110,493	57,425	27,621	14,356	41,977
Overton	77,716	23,913	48,382	14,862	12,095	3,716	15,811
Perry	30,763	13,814	24,705	11,099	6,176	2,775	8,951
Pickett	25,776	10,181	17,879	7,057	4,470	1,764	6,234
Polk	27,675	11,777	18,910	8,066	4,728	2,016	6,744
Putnam	86,691	37,949	54,051	23,609	13,513	5,902	19,415
Rhea	51,997	16,424	31,713	10,015	7,928	2,504	10,432
Roane	59,095	32,070	36,832	20,008	9,208	5,002	14,210
Robertson	156,801	46,847	87,900	26,108	21,975	6,527	28,502
Rutherford	143,900	72,430	108,632	54,724	27,158	13,681	40,839
Scott	20,177	5,640	10,613	2,959	2,653	740	3,393
Sequatchie	17,349	6,663	11,895	4,557	2,974	1,139	4,113
Sevier	72,679	61,524	53,194	44,950	13,299	11,237	24,536
Shelby	202,997	54,174	137,646	36,810	34,411	9,203	43,614
Smith	84,181	35,950	32,240	13,752	8,060	3,438	11,498
Stewart	64,627	33,326	33,024	19,588	9,506	4,897	14,403
Sullivan	69,907	63,928	49,772	45,576	12,443	11,394	23,837
Sumner	150,911	82,021	97,392	52,904	24,348	13,226	37,574
Tipton	151,210	28,214	107,880	20,092	26,970	5,023	31,993
Trousdale	32,845	14,014	23,349	9,959	5,837	2,490	8,327
Unicoi	13,390	6,016	9,180	4,124	2,295	1,031	3,326
Union	25,920	18,711	19,803	14,281	4,951	3,570	8,521
Van Buren	14,608	6,353	9,357	4,067	2,339	1,017	3,356
Warren	110,167	38,671	69,909	24,563	17,477	6,141	23,618
Washington	78,741	49,645	64,078	40,454	16,020	10,113	26,133
Wayne	53,146	17,750	37,752	12,584	9,438	3,146	12,584
Weakley	167,770	67,256	113,732	45,556	28,433	11,389	39,822
White	70,776	35,383	51,706	25,814	12,926	6,454	19,380
Williamson	134,231	67,923	103,534	52,390	25,883	13,098	38,981
Wilson	125,856	75,037	99,251	59,297	24,813	14,824	39,637
Total	7,611,856	3,547,298	5,092,830	2,403,346	1,273,206	600,838	1,874,044

1/ Acreages needing lime and the rates of application are those recommended by the Department of Agronomy of the Tennessee State College of Agriculture.

2/ The annual lime need indicated is one-tenth of the total.

* From 1940 Census

C. E. Carter
Agricultural Conservation Program, AAA
February 10, 1945

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LIMESTONE REQUIREMENTS FOR CROPLAND AND PASTURE LAND BY COUNTIES - WISCONSIN 1/

LIBRARY
CURRENT SERIAL RECORD
JAN 29 1945
U.S. DEPARTMENT OF AGRICULTURE

County	Cropland* (Acres)	Flowable* Pasture (Acres)	Acres in Need of Lime		Tons Lime Needed Annually 2/ (ten year program basis)		
			Cropland	Pasture Land	Cropland	Pasture	Total
Adams	98,908	46,752	71,214	33,661	17,804	8,415	26,219
Ashland	37,495	22,004	33,371	19,583	8,343	4,896	13,239
Barron	204,407	128,714	181,922	114,556	45,481	28,639	74,120
Bayfield	57,693	24,256	47,308	19,890	11,827	4,972	16,799
Brown	180,667	81,286	56,007	25,199	14,002	6,300	20,302
Buffalo	146,168	80,012	111,088	60,808	27,772	15,202	42,974
Burnett	69,631	25,683	59,186	21,830	14,797	5,458	20,255
Calumet	117,694	36,165	37,662	11,572	9,416	2,893	12,309
Chippewa	207,402	101,873	190,810	93,724	47,703	23,431	71,134
Clark	229,653	153,853	215,873	144,621	53,968	36,155	90,123
Columbia	247,863	107,604	173,504	75,323	43,376	18,830	62,206
Crawford	107,105	61,643	83,542	48,082	20,886	12,020	32,906
Dane	398,290	209,502	262,871	138,271	65,718	34,568	100,286
Dodge	332,023	120,815	162,691	59,200	40,673	14,800	55,473
Door	119,151	42,971	16,681	6,016	4,170	1,504	5,674
Douglas	53,981	22,560	45,344	18,950	11,336	4,738	16,074
Dunn	228,380	86,122	198,691	74,926	49,673	18,732	68,405
Eau Claire	141,373	60,119	108,857	46,292	27,214	11,573	38,787
Florence	13,600	5,016	8,160	3,010	2,040	752	2,792
Fond du lac	267,965	104,765	139,342	54,478	34,836	13,620	48,456
Forest	20,340	9,988	15,865	7,790	3,966	1,948	5,914
Grant	294,216	193,743	176,530	116,245	44,133	29,061	73,194
Green	175,796	154,999	94,930	83,700	23,733	20,925	44,658
Green Lake	123,014	49,409	76,269	30,634	19,067	7,658	26,725
Iowa	170,008	167,795	113,905	112,423	28,476	28,106	56,582
Iron	12,511	6,181	11,010	5,440	2,753	1,360	4,113
Jackson	132,198	69,973	116,334	61,576	29,084	15,394	44,478
Jefferson	188,159	81,756	82,790	35,972	20,698	8,993	29,691
Juneau	114,887	56,854	83,868	41,503	20,967	10,376	31,343
Kenosha	94,565	41,656	34,043	14,996	8,511	3,749	12,260
Kewaunee	119,012	43,717	36,894	13,553	9,224	3,388	12,612
La Crosse	99,690	56,951	80,749	46,130	20,187	11,532	31,719
Lafayette	178,182	186,480	140,764	147,319	35,191	36,830	72,021
Langlade	65,909	41,574	49,432	31,181	12,358	7,795	20,153
Lincoln	60,788	51,389	51,670	43,680	12,918	10,920	23,838
Manitowoc	200,904	77,200	54,244	20,844	13,561	5,211	18,772
Marathon	300,618	192,381	243,501	155,828	60,875	38,957	99,832
Marinette	106,166	57,481	54,145	29,316	13,536	7,329	20,865
Marquette	106,297	55,057	80,786	41,843	20,197	10,460	30,657
Milwaukee	53,513	10,507	14,984	2,942	3,746	736	4,482
Monroe	172,287	104,464	127,492	77,303	31,873	19,326	51,199
Oconto	144,892	73,511	52,161	26,464	13,040	6,616	19,656
Oneida	26,596	14,509	25,000	13,638	6,250	3,410	9,660
Outagamie	204,182	79,313	59,213	23,001	14,803	5,750	20,553
Ozaukee	86,884	24,890	22,590	6,472	5,648	1,618	7,266
Pepin	61,605	17,090	46,820	12,988	11,705	3,247	14,952
Pierce	181,675	86,903	138,073	66,046	34,518	16,512	51,030
Polk	186,693	76,708	153,088	62,901	38,272	15,725	53,997
Portage	192,448	104,705	157,807	85,858	39,452	21,465	60,917
Price	49,955	27,455	39,981	23,886	9,995	5,972	15,967
Racine	121,533	39,773	17,015	5,568	4,254	1,392	5,646
Richland	120,991	96,626	52,026	41,549	13,007	10,387	23,394
Rock	262,806	116,602	165,568	73,459	41,392	18,364	59,756
Rusk	75,095	46,076	60,076	36,861	15,019	9,215	24,234
St. Croix	233,234	94,559	219,240	88,886	54,810	22,222	77,032
Sauk	208,769	118,761	150,314	85,508	37,579	21,377	58,956
Sawyer	28,676	11,022	27,242	10,471	6,811	2,618	9,429
Shawano	174,128	96,825	74,875	41,634	18,719	10,409	29,128
Sheboygan	171,066	66,493	23,949	9,309	5,987	2,327	8,314
Taylor	99,527	57,811	89,580	52,030	22,395	13,008	35,403
Trempealeau	195,891	110,643	148,877	84,088	37,219	21,022	58,241
Vernon	177,104	112,955	127,515	81,327	31,879	20,332	52,211
Vilas	8,563	3,189	7,621	2,839	1,905	710	2,615
Walworth	186,956	86,218	168,260	77,597	42,065	19,399	61,464
Washburn	55,258	30,495	50,837	28,056	12,709	7,014	19,723
Washington	152,085	49,461	31,938	10,387	7,985	2,596	10,581
Waukesha	186,388	63,281	74,555	25,312	18,639	6,328	24,967
Waupaca	180,232	91,566	111,744	56,771	27,936	14,192	42,128
Waushara	167,231	68,092	118,734	48,346	29,684	12,087	41,771
Winnebago	153,379	62,266	44,480	18,057	11,120	4,514	15,634
Wood	138,175	81,402	118,831	70,005	29,708	17,501	47,209
TOTALS	10,280,526	5,240,470	6,522,339	3,459,524	1,630,594	864,881	2,495,475

1/ Acreage needing lime and the rates of application are those recommended by Department of Soils, Wisconsin College of Agriculture.

2/ The annual lime need indicated is one-tenth of the total still required.

* Cropland and Flowable Pasture acreage from 1940 census.
Pasture figure includes non-plowable, non-woodland pasture land from 1930 census.